

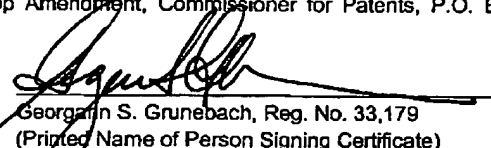
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Attention:	Mail Stop Amendment Group Art Unit: 2638 Examiner: BAYARD, Emmanuel	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3016
Pages:	Cover + 2 + 2 + 5 = 10	Date:	December 13, 2005
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

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 Georgann S. Grunebach, Reg. No. 33,179 (Printed Name of Person Signing Certificate)	December 13, 2005 (Date of Signature)
Telephone No. (310) 964-4615	

Attention: Commissioner for Patents**Attorney Docket No. PD-200181**

Please find attached Re:

Serial No.: 09/844,401

Filing Date: April 27, 2001

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE FORM PTO/SB/08A and 08B (2 pages)
- NON-PATENT LITERATURE DOCUMENT (5 pages)

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Patent
PD-200181
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 09/844,401

Filed: April 27, 2001

For: LAYERED MODULATION FOR
DIGITAL SIGNALS

Group Art Unit: 2638

Examiner: Bayard, Emmanuel

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: Date: December 13, 2005

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

The references were cited in a European Search Report dated December 2, 2005 in the counterpart foreign European application of related U.S. patent application serial number 10/913,927 filed on August 5, 2004.

This statement should be considered because it is being submitted before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

Accordingly, it is submitted that no fee is due in this matter under 37 C.F.R. §1.97(b)(4).

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Serial No. 09/844,401.....Page 2

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R11/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 13, 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	09/844,401
	Filing Date	April 27, 2001
	First Named Inventor	Ernest C. Chen
	Art Unit	2638
	Examiner Name	Bayard, Emmanuel
Sheet 1 of 2	Attorney Docket Number	PD-200181

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2005/008100	01-13-2005	Chen, Ernest C.		
		US-2002/176516	11-28-2002	Jeske, Daniel R. et al.		
		US-6,304,594	10-16-2001	Salinger, Sheldon Norman		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

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	First Named Inventor	Ernest C. Chen
	Art Unit	2638
	Examiner Name	Bayard, Emmanuel
Sheet 2 of 2	Attorney Docket Number	PD-200181

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		FANT, T. et al., "Fourth-Power Law Clock Recovery with Prefiltering", Proceedings of the International Conference on Communications (ICC), Geneva, May 23-26, 1993, New York, IEEE, US, Vol. 3, 23 May 1993, pages 811-815, XP010137089, ISBN: 0-7803-0950-2, Section I, Introduction	

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